I CLAIM:

1. An articulating arm for keyboards and the like for use with a base, said arm comprising a bracket, pivot member and support, said bracket being pivotally mounted to a first end of said pivot member at a first pivot point, said support being pivotally mounted to a second end of said pivot member at a second pivot point, said pivot member having an arcuate surface extending therefrom near said first pivot point, said first pivot point having a first locked and unlocked position, said first locked and unlocked position being controlled by a brake that is adjustably mounted to move into and out of locking contact with said arcuate surface, said second pivot point having a second locked and unlocked position, said bracket being connected to said base.

2. An articulating arm as claimed in Claim 1 wherein said first pivot point has an infinite number of locking locations within a pre-determined range, said locking locations being with said first locked position.

3. An articulating arm as claimed in Claim 2 wherein said arcuate surface is a shoe attached to said pivot member.

4. An articulating arm as claimed in Claim 3 wherein said shoe is heat tempered.

5. An articulating arm as claimed in Claim 1 wherein said brake is a plate that is heat tempered.

6. An articulating arm as claimed in any one of Claims 1, 2 or 5 wherein said plate has a third pivot point, said plate having an unextended position and an extended position relative to said third pivot point, said plate being in said extended position when said brake is in a locked position relative to said arcuate surface and an unextended position when said brake is in an unlocked position relative to said arcuate surface.

7. An articulating arm as claimed in Claim 1 wherein there is a link member extending between said third pivot point and a fourth pivot point, said

link member being constructed to orient said support relative to said pivot member as said pivot member is oriented relative to said base.

8. An articulating arm as claimed in Claim 1 wherein said support is constructed relative to said pivot member so that said support can be locked in position relative to said pivot member and can be in an unlocked position wherein said support can pivot relative to said pivot member and relative to said base.

9. An articulating arm as claimed in any one of Claims 1, 2 or 7 wherein there are two arcuate surfaces and two shoes on said pivot member and two link members, said shoes simultaneously interacting with said brake.

10. An articulating arm as claimed in Claim 1 wherein said support is constructed relative to said pivot member so when said support is in a locked position relative to said pivot member, said pivot member and said bracket can be moved from a locked position to an unlocked position by manually tilting said support upward relative to said pivot member.

11. An articulating arm as claimed in Claim 1 wherein said first locked and unlocked position is controlled by one of a first cable and by tilting support upward.

12. An articulating arm as claimed in Claim 1 wherein said second locked and unlocked position is controlled by one of a second cable and a locking handle.

13. An articulating arm as claimed in Claim 1 wherein said brake has a spring connected thereto to bias said brake to a locked position.

14. An articulating arm as claimed in Claim 10 wherein said pivot member and said bracket can be moved from an unlocked position to a locked position by manually releasing said support while said support is in a locked position relative to said pivot member.

15. An articulating arm as claimed in any one of Claims 1, 2 or 8 wherein said arcuate surface is mounted at a constant radius from said first pivot point,

said constant radius being maintained as said arcuate surface pivots about said first pivot point.

16. An articulating arm for keyboards and like comprising a bracket, pivot member and support, said bracket being pivotally mounted to a first end of said pivot member at a first pivot point, said support being pivotally mounted to a second end of the pivot arm at a second pivot point, said pivot member having an arcuate surface extending there from near said first pivot point, a brake being adjustably mounted to move between a locked position in which contact between said brake and said arcuate surface prevents movement of said arcuate surface relative to the brake, and an unlocked position when said arcuate surface is movable relative to said brake in both directions, said support having a locked position and an unlocked position relative to said pivot arm.

17. An articulating arm as claimed in Claim 16 wherein said brake is adjustably mounted at a third pivot point, said brake having a smaller radius of rotation about said third pivot point in an extended position than a radius of rotation of said arcuate surface about said first pivot point, a path of said arcuate surface intersecting with the path of said brake when the brake is in said extended position, said path of said arcuate surface generally corresponding to a path of said brake when said brake is in an unextended position within a pre-determined range of movement of said arcuate surface.

18. An articulating arm as claimed in Claim 17 wherein said brake is in said locked position when said brake is extended and said brake is in said unlocked position when said brake is unextended.

19. An articulating arm as claimed in Claim 16 wherein said brake is biased to said locked position by a spring.

20. An articulating arm as claimed in Claim 19 wherein said arm is moved from a locked position to an unlocked position by a cable, said cable being connected to move said brake from the extended position to the unextended position respectively.